第22卷 第2期　　昆 虫 学 报　　Vol. 22, No. 2
1979年5月　　ACTA ENTOMOLOGICA SINICA　　May, 1979

丽金龟科二新种

林　平
(广东省昆虫研究所)

棘丽蚊属(*Spinanomala*)和肩丽蚊属(*Trichanomala*)所包括的种类和分布范围都比较小，体长一般在10毫米以下。棘丽蚊属已知有9种，大多数分布东洋区，我国记载1种；属征：在第2腹节两侧各有1—3根棘状粗毛刺，其色泽和大小，通常跟腹部的被毛不同。肩丽蚊已知3种1亚种，我国记载的1种，分布于西藏南部；属征：中胸后侧片十分发达，突出在前胸背板和鞘翅基角之间，在背面可见，前胸背板周缘披短毛。

海南棘丽蚊 *Spinanomala hainanensis* 新种

♂，体长：10.5毫米，体宽：5毫米。

体红褐色，触角、臀板和腹部红色，各足胫节和跗节暗红；头部(唇基宽边除外)和前胸背板"米"形大斑墨绿色；鞘翅褐红，鞘缝和后缘，有时连肩疣和端疣，黑褐色，鞘翅上有浅黄色、边缘不清晰小圆斑：中部中央4斑列成横带，其外侧前后方各有1斑，分别在第3和第4条肋上，色斑有时完全不显；中胸腹板中部和后足基节2横带，浅褐或黑褐色。

体长椭圆形，背面不甚隆拱。唇基半圆形，边缘上卷弱，皱刻颇粗密；额布浓密粗皱刻点，表面及眼内侧有少数竖生褐色粗刺毛的粗大刻点，头顶刻点细密；触角鳃片长于前5节之和。前胸背板均匀密布脐状细圆刻点，沿前缘有1列及侧缘前段布数个竖生褐色粗毛刺的粗大刻点；侧缘均匀圆弯，前、后角直角形，前角前伸；后缘均匀圆弯，两侧缓缺，边框细窄完整(在角端不明显)。小盾片圆三角形，刻点密而稍粗、鞘翅向后略窄，后缘弯圆，缝角具1小齿；均匀密布颇粗刻点；在鞘缝和发达肩疣之间，有3条圆脊状宽肋，缝肋在中部宽，后部较隆；间距平，在基部较宽且有少数粗刻点，后部细窄；端疣不甚发达；缘折以锐角与翅缘分界，疏具1列粗刺毛；缘膜窄，后部较宽。前臀板后部披颇密白细毛。臀板隆拱均匀，布不密的锯齿状横刻，毛稀少。胸部腹面布颇密的粗大浅刻点，部分连成波纹，后足基节的刻点较浅细；披毛疏短，腹部披白短毛，在第2腹节两侧的深毛窝内，各具2根褐色的棘状粗长毛刺。足细长，前、中足大爪深裂；前胫具2齿，基齿细，端齿长，大爪宽扁，爪齿细长；后胫中部不宽膨，布颇密的粗浅刻点，内端距长，达第2跗节中部；后跗甚长，达体长之半，第1节密布粗长刻点。♂外生殖器阳基侧突宽，端部鸟喙状；底片端缘深缺，两侧细长，稍后方具1下弯大齿(图1)。

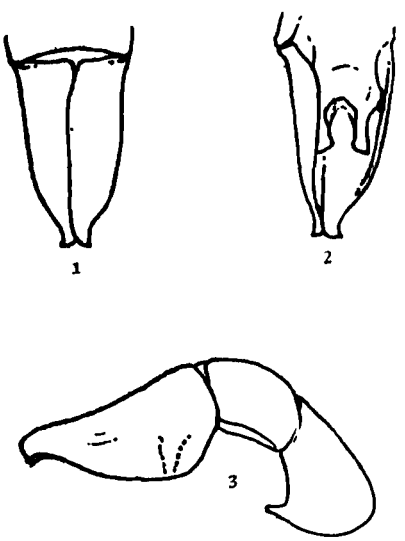

图1　海南棘丽蚊(*Spinanomala hainanesis* sp. nov.) ♂外生殖器：1.背面，2.腹面，3.侧面。

正模♂，广东：海南岛黎母山林场(1964 V. 19，刘胜利)(存天津自然博物馆)。副模♂，海南岛儋

县。

本种与翅齿棘丽蚊 [*Spinanomala dentipennis* (Lin)]* 相似，特别是♂外生殖器颇近似，但前胸背板不披毛，也不间杂粗大刻点，而易于区别。与 *Spinanomala benderitteri* Burgeon 的外形也近似，不过，腹部第 2 节每侧只有 2 根粗毛刺，而不是 3 根。

粗点肩丽蚊 *Trichanomala rugicollis* 新种

♂，体长：7.5 毫米，体宽：3.5 毫米。

体黑色，背面前部稍带绿泽；鞘翅红褐，肩疣、侧缘、后部和中部 1 横带（有时不显）黑褐；触角红褐；足黑或黑褐。前胸背板周缘、小盾片两侧、前臀板后缘、胸部和中胸后侧片、腹部（两侧的密）、各足股节和后足基节披白伏毛；前胸背板盘区和臀板毛甚稀疏。

体长椭圆形，头部布浓密粗刻点，点间线网状隆起；唇基横梯形，前缘直，前角圆，边缘上卷不强；触角鳃片长于前 5 节之和。前胸背板隆拱，宽略胜于长，显窄于翅基；两侧在中点前圆宽，前角锐突，后角圆；后缘边框完整；刻点十分浓密粗深，大小不匀，部分融皱，点间窄网状隆起；中央具 1 颇宽长光滑中纵线。小盾片大，圆三角形，两侧密布具毛粗刻点。鞘翅长，向后收窄，后缘强弯，不甚隆拱，在小盾片后略塌；鞘缝和肩疣之间有 7 条由粗大刻点排成的列线，第 2 和第 5 条有间断，且不达端部，前者在基部刻点乱，第 1、3 条近端部深陷；间距平，光亮，后部散布细刻点，约等宽，而第 IV 条较宽；肩疣外侧有 1 长的深陷纵折线，其外侧沿外缘呈肋状隆起；肩疣和端疣十分隆突。臀板均匀隆拱，刻点细，粗皮状密皱。中胸后侧片甚发达，在背面可见。中胸腹突小疣状，不前伸。足粗壮，前、中足大爪分裂，爪齿细弱；前胫 2 齿粗短，基齿细，前跗末节粗壮内弯，大爪宽扁；后足基节布颇密带毛粗浅刻点，后股膨大，布颇密刻点，后胫密布粗大刻点，中部宽膨，内端距弯长，端钝，后跗粗壮。♂外生殖器阳基侧突端部圆，下弯，后外侧有 1 旁伸的长尖齿（图 2）。

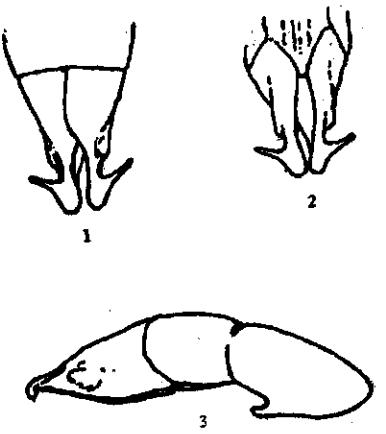

图 2　粗点肩丽蚊（*Trichanomala rugicollis* sp. nov.）♂外生殖器：1.背面，2.腹面，3.侧面。

正模♂，广东：海南营根（200 米，1960. V. 4，李常庆）（存动物研究所）。副模♂，海南儋县。

本种的前胸背板布起皱的浓密粗深刻点，据此易于与属内其他种区分。

Blitopertha dentipennis Lin（动物分类学报，1966，3 (1)：83）属于棘丽蚊属范畴，故归入棘丽蚊属为翅齿棘丽蚊 [*Spinanomala dentipennis* (Lin)]。

TWO NEW SPECIES OF RUTELIDAE FROM SOUTH CHINA (COLEOPTERA)

LIN PING
(*Kwangtung Institute of Entomology*)

Spinanomala hainanensis sp. nov.

♂, length 10.5 mm., width 5 mm.

Brownish red, antennae, pygidium and abdomen red, tibiae and tarsi dark red, head (except broad edge of clypeus) and a large " 米 " mark on pronotum black green, elytra brownish red, with the suture and hind margins, sometimes with humeral and apical calli, black brown, has several yellowish round spots: four forming a transverse band at middle, and one before and another behind which on each side, but spots may be disappered.

Oblong oval, and rather depressed, Clypeus semicircular, with reflexed margin, rather coarsely rugosed; forehead very strongly and closely rugoso-punctured, intermixed with a few very large and deep setiferous punctures. Pronotum not very convex, evenly closely and rather coarsely punctured; along front margin and fore half of lateral margins scattered bear a row of brown, long and stout setae, occuring each in a large pit; sides evenly rounded, front and hind angles rectangular, but the former rather protruded foreward, and base entirely margined. Scutellum closely and strongly punctured. Elytra evenly, moderately strongly punctured, with three broadly, rounded elevated costae, and narrower intervals on dorsal surface; epipleura long, with a row of stout setae. Propygidium has a hairy band terminally. Pygidium evenly convex, closely striolated. The second abdominal segment bears on each side two brownish strong spines. Legs slender, front tibiae bidentate, longer claws of front and middle feet deeply cleft. Male genitalia as fig. 1.

Closely to *Spinanomala dentipennis* (Lin), but the pronotum not hairy; and resembling *Spinanomala benderitteri* Burgeon, from which easily seperated by the spines on abdomen two in number but not three.

Trichanomala rugicollis sp. nov.

♂, length 7.5 mm., width 3.5 mm.

Black, with a greenish lustre on front part of surface; elytra brownish red, with its hind part, humeral calli, lateral margins and a medien transverse band (may be absent), dark brown.

Elongate oval. Head strongly and closely punctured, rugosed in anterior part, clypeus straight in front and rounded at sides, with reflexed margin. Pronotum somewhat wider than long, but narrower than elytra at base, with sides rounded before middle, front angles acute and hind ones obtuse, complete margined at base; all round the margins having a fringe of hairs, but which very few on disc; very coarsely, closely and deeply, somewhat rugosely, punctured, except a rather broad smooth line on middle. Scutellum large, bears strong and close setiferous punctures, but unpunctate on middle and at sides. Elytra rather depressed, with six dorsal punctate-striae, the 2nd

irregular basally, and has a row of incomplete punctures between the 4th and 5th; intervals smooth and shining. Propygidium banded with hairs along hind margin. Pygidium convex, coarsely shagreened. Thorax, mesoepimera, a line on each abdominal segment (thinly on middle), covered with white decombent hairs. Legs robust, front tibiae bidentate, hind tibiae dilated at middle, longer claws of front and middle feet cleft. Male genitalia as Fig. 2.

Seperated from other congeners by the very coarsely and closely punctured pronotum.